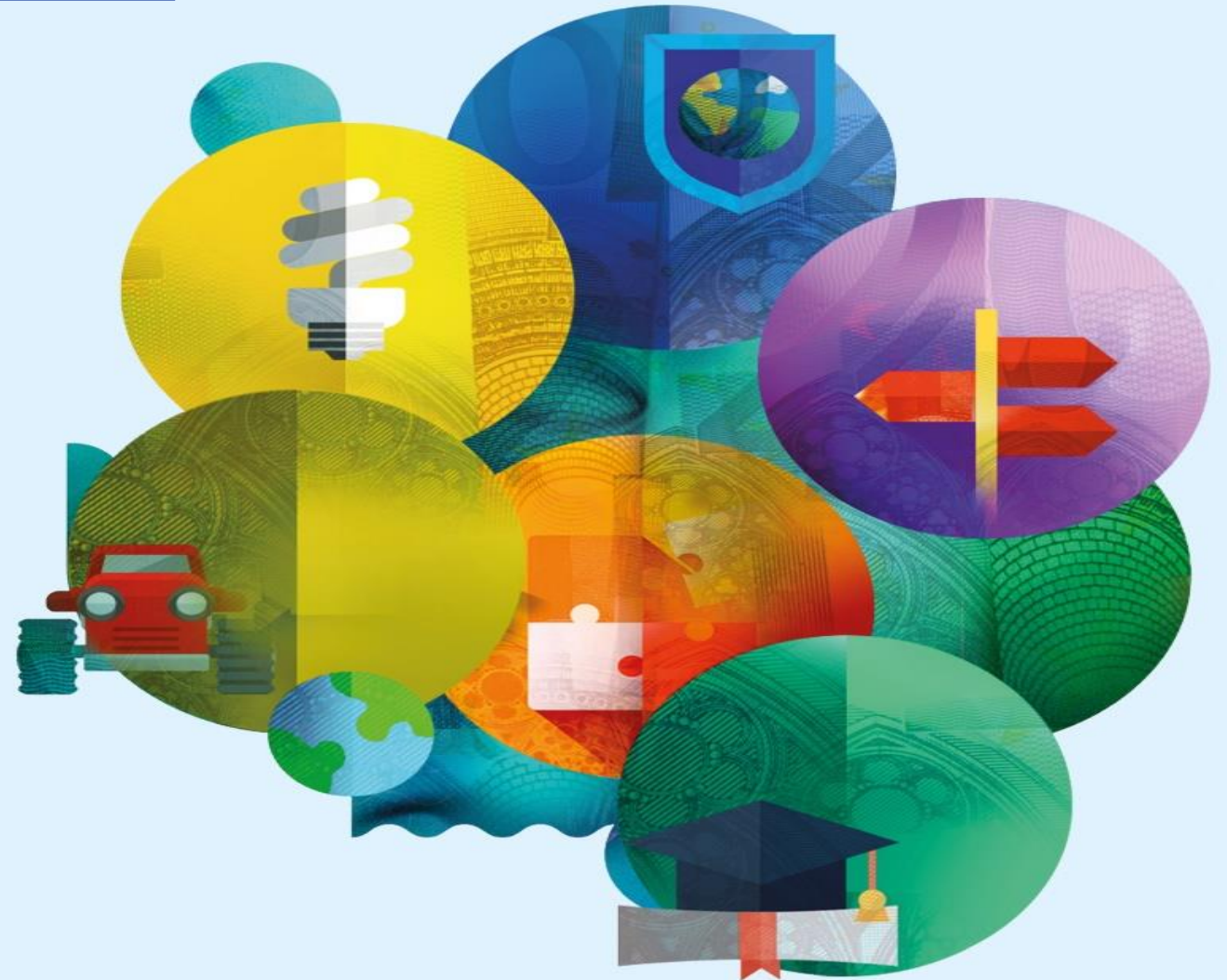


# The role of Digital Innovation Hubs in Digital Europe programme



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DG CNECT, unit A2*

# Building essential digital capacities

## High-performance computing

- Procure exascale machines
- Upgrade existing supercomputers
- Quantum computing
- Widen the access to and use of supercomputing

## Artificial intelligence

- Data4EU : common Data Spaces, cloud, platforms and infrastructure
- Large Testing and Experimentation Facilities for Agri, health, mobility, manufacturing and AI edge HW
- Scale up the European AI platform to access tested AI technologies

## Cybersecurity

- Deploy competence centres network
- Cybersecurity shield, quantum communication infrastructure - QCI
- Certification schemes
- Cybersecurity tools

## Advanced digital skills

- Master courses
- Short term trainings
- Job placements
- Platform for Skills and Jobs

## European digital innovation hubs

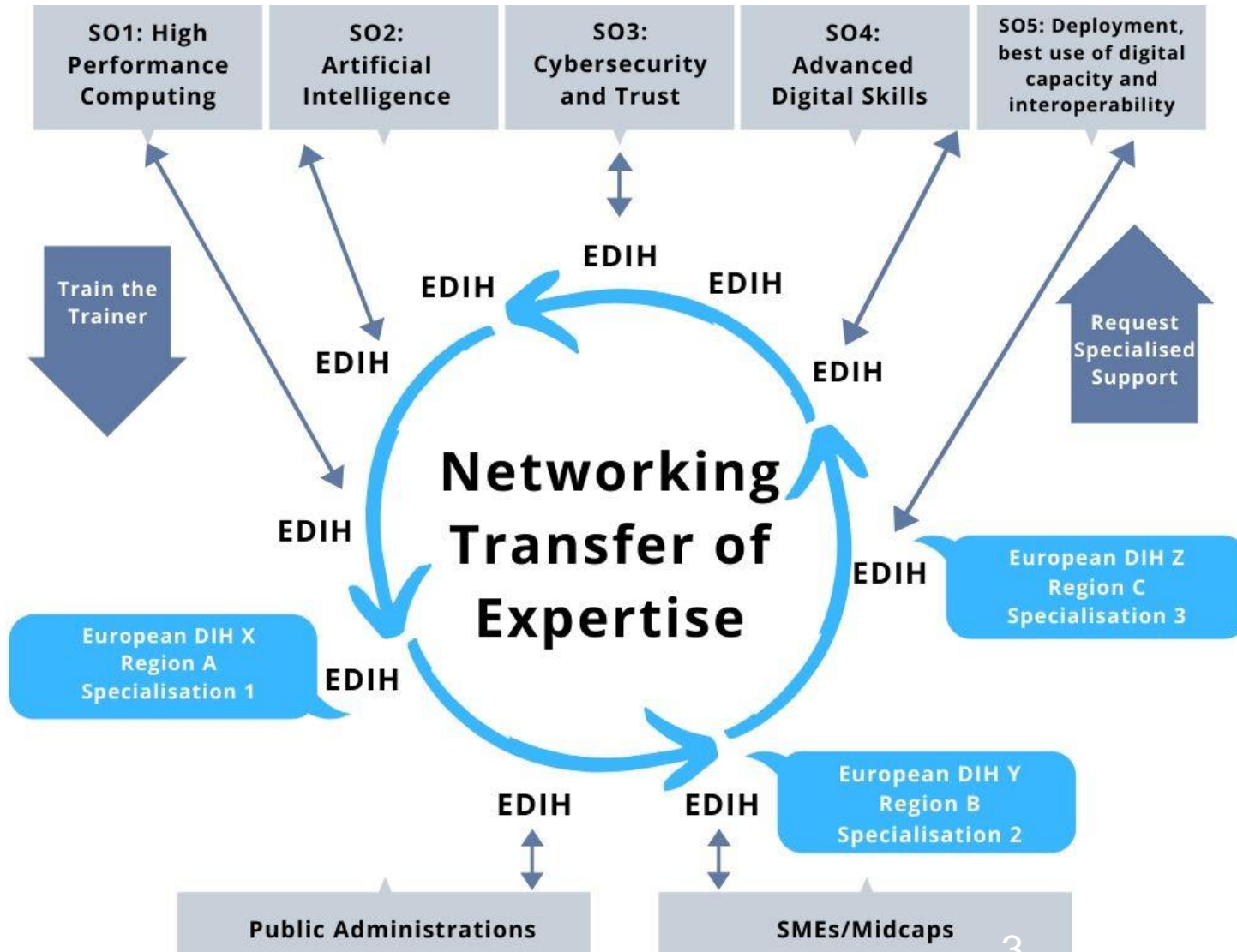
- At least one per MS on AI

## Deployments : emphasis on

- Destination Earth
- Green and smart communities and mobility
- Continuation of investments (CEF – ISA2)
- Blockchain
- Enhancing confidence in the digital transformation



# Network of European DIHs



## Capacity building of EDIHs:

- Grant for facilities and people to work in the hub, 50% co-funded EU/MS or regions (ERDF may be used)
- Access to European capacities for digital transformation in HPC, AI, Cyber
- Access to knowledge and facilities of other EDIHs
- Supported by “**Digital Transformation Accelerator**”, a central node that animates the network
  - Networking events
  - Training the hubs
  - Best practice sharing
  - Interactive map of digital capacities
  - ....